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1. Document ID: WO 9808897 A1

L1: Entry 1 of 2

File: EPAB

Mar 5, 1998

PUB-NO: WO009808897A1

DOCUMENT-IDENTIFIER: WO 9808897 A1

TITLE: POLYCARBOXYLIC BASED CROSS-LINKED COPOLYMERS

PUBN-DATE: March 5, 1998

INVENTOR-INFORMATION:

NAME

EL, MATNI NADA

LABARRE, DENIS

FESSIM, HATEM

COUNTRY

FR

FR

FR

INT-CL (IPC): C08 K 5/17; C08 B 37/08; C08 B 37/06; C08 B 37/10; C08 L 5/08; C08 L 33/06; A61 K 9/20

EUR-CL (EPC): A61K009/20; A61K009/20, C08B037/00, C08B037/00, C08B037/00, C08B037/00, C08B037/00, C08F008/32

ABSTRACT:

CHG DATE=19980505 STATUS=O>The invention concerns cross-linked copolymers with a base of non cross-linked polycarboxylic polymers, said copolymers containing at least one polycarboxylic polysaccharide. The invention also concerns a method for preparing these copolymers and their use in particular as support in pharmaceutical compositions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Deso	Image
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2. Document ID: RU 2194055 C2 WO 9808897 A1 FR 2752843 A1 ZA 9707671 A AU 9741215 A NO 9900935 A EP 922071 A1 HU 9903745 A2 CZ 9900606 A3 NZ 334301 A JP 2001501228 W AU 730566 B US 6229009 B1 EP 922071 B1 DE 69708304 E NO 311621 B1 ES 2167784 T3

L1: Entry 2 of 2

File: DWPI

Dec 10, 2002

DERWENT-ACC-NO: 1998-216940

DERWENT-WEEK: 200309

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TITLE: Reticulated poly-carboxylic co-polymers with poly-saccharide component - for controlled drug release, bio-adhesives, and delivery of drugs to the colon

INVENTOR: EL MATNI, N; FESSIM, H ; LABARRE, D ; FESSI, H ; MATNI, N E ; LAMBERT, N ; EL-MATNI, N

PRIORITY-DATA: 1996FR-0010601 (August 30, 1996)

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2194055 C2	December 10, 2002		000	C08B037/00
<u>WO 9808897 A1</u>	March 5, 1998	F	022	C08K005/17
FR 2752843 A1	March 6, 1998		000	C08B037/08
ZA 9707671 A	April 29, 1998		027	C08B000/00
AU 9741215 A	March 19, 1998		000	C08K005/17
NO 9900935 A	April 15, 1999		000	C08K000/00
EP 922071 A1	June 16, 1999	F	000	C08K005/17
HU 9903745 A2	March 28, 2000		000	C08K005/17
CZ 9900606 A3	June 14, 2000		000	C08K005/17
NZ 334301 A	June 23, 2000		000	C08B037/06
JP 2001501228 W	January 30, 2001		020	C08B037/00
AU 730566 B	March 8, 2001		000	C08K005/17
<u>US 6229009 B1</u>	May 8, 2001		000	C08B037/08
EP 922071 B1	November 14, 2001	F	000	C08K005/17
DE 69708304 E	December 20, 2001		000	C08K005/17
NO 311621 B1	December 17, 2001		000	C08K005/17
ES 2167784 T3	May 16, 2002		000	C08K005/17

, ES 2167784 T3 INT-CL (IPC): A61 K 9/20; A61 K 9/22; A61 K 31/726; A61 K 47/30; A61 K 47/36; C08 B 0/00; C08 B 37/00; C08 B 37/06; C08 B 37/08; C08 B 37/10; C08 F 8/30; C08 F 20/04; C08 F 20/06; C08 F 220/06; C08 G 0/00; C08 J 3/24; C08 K 0/00; C08 K 5/17; C08 L 5/00; C08 L 5/08; C08 L 33/06; C08 L 77/04; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06; C08 L 5/08; C08 L 33/06

Reticulated copolymers comprise a non-reticulated polycarboxylic base, at least one part being a polycarboxylic polysaccharide and one a non-saccharidic polycarboxylic polymer, with a reticulating agent containing at least two amine functions. Also claimed is a composition comprising an active agent and a copolymer as above.

USE - The copolymers are used for controlled drug release and bio-adhesive systems, especially for the specific liberation of an active agent in the colon, for treatment of colonic diseases, or for where the active agent is absorbed by the colon, and/or where the active agent would be degraded in higher parts of the digestive tract.

ADVANTAGE - Direct administration to the colon can increase drug efficacy. The polycarboxylic polysaccharide can be degraded by the microbial flora of the colon.

ABSTRACTED-PUB-NO:

US 6229009B EQUIVALENT-ABSTRACTS:

Reticulated copolymers comprise a non-reticulated polycarboxylic base, at least one part being a polycarboxylic polysaccharide and one a non-saccharidic polycarboxylic polymer, with a reticulating agent containing at least two amine functions. Also claimed is a composition comprising an active agent and a copolymer as above.

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WO 9808897A

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